

Wahkiakum County

<http://www.cwcog.org/wahkiakum.html>

Demographics		2002 Estimates (Except Where Noted)	Other Wahkiakum County Facts	
Washington State Population:		6,041,700	Percent in Households where English is Spoken Less than “Very Well” (Population Age 5 and Above, 2000): Less than 3.0%	
County Population:		3,800	Military Bases within County: None	
County Population Density (persons/sq mi):		14.38	Universities/Community Colleges: None	
Total County Households:		1,833	Land area of County (square miles): 264.2	
2000 Per Capita Personal Income (Inflation-Adjusted to 2000 Dollars):		\$19,000 - \$21,999	NONE	
Percent of county households with income below the poverty level, 1999:		8		
Wahkiakum County Government Legislative Authority			Federally Recognized (Yes/No): Size of Tribal Land (Acres): Reservation or Land Trust Population, 2000: Treaty or Reservation Instrument:	
Type of Body	Board of County Commissioners			
Number of Members	3			
Term	4 years			
Meeting Date and Time	First four Tuesdays of each month, from 9:30 a.m. to 4:00 p.m.			
Meeting Location	The public meeting room of the Wahkiakum County Courthouse			
Populations and Land Areas for Wahkiakum County Municipalities, 2002				
Unincorporated Population (est. 2002)		3,240		
Incorporated Population (est. 2002)		560		
Municipalities	Population (est. 2002)	2002 Land Area (sq. mi.)	2002 Est. Density (pop/sq. mi.)	
Cathlamet	560	2.000	280.00	

Wahkiakum County Solid Waste Contacts, 2003:

Departments:	Wahkiakum County Public Works	Wahkiakum County Public Works	Wahkiakum County Public Works	Wahkiakum County Public Works	Wahkiakum County Public Works	Wahkiakum County Health District
Name:	Pete Ringen	Pete Ringen	Pete Ringen	Pete Ringen	Dan Bardsley	David Riggs
Title:	Director	Manager	MRW Contact	Recycling Contact	Litter Contact	Environmental Health Specialist
E-mail Address:	ringenp@co.wahkiakum.wa.us	ringenp@co.wahkiakum.wa.us	ringenp@co.wahkiakum.wa.us	ringenp@co.wahkiakum.wa.us	danb@sd.co.wahkiakum.wa.us	riggsd@co.wahkiakum.wa.us
Web Site:	http://www.cwcog.org/publicworks.html	http://www.cwcog.org/waste.html	http://www.cwcog.org/waste.html	http://www.cwcog.org/waste.html	Litter specific web site not found.	http://www.cwcog.org/humanservices.html
Mailing Address:	PO Box 97 Cathlamet, WA 98612	PO Box 97 Cathlamet, WA 98612	PO Box 97 Cathlamet, WA 98612	PO Box 97 Cathlamet, WA 98612	PO Box 65, Cathlamet, WA 98612	PO Box 696 Cathlamet, WA 98612
Phone Number:	(360) 795.3301 or (360) 795-3242	(360) 795.3301 or (360) 795-3242	(360) 795.3301 or (360) 795-3242	(360) 795.3301 or (360) 795-3242	(360) 795-3242	(360) 795-6207
Fax Number	(360) 795.0342	(360) 795.0342	(360) 795.0342	(360) 795.0342		(360) 795-6143
TDD:						

Wahkiakum County Solid Waste and Moderate Risk Waste Planning Status, 2003		Coordinated Prevention Grants (CPG) 2002 – 2003 Grant Cycle: Funding by Task in Dollars		
County Comprehensive Solid Waste Management Plan: Current Status (Yes/No)	Yes	Grant Fundable Activity	Recipient	Total
			Wahkiakum Co Health	
Year Approved:	2003	Hazardous Waste Planning and Evaluation	—	0
		Household Hazardous Waste Implementation (of county plan)	—	0
Waste Reduction/Recycling Goal:	20% WRR by 1996	Household Hazardous Waste Collection and Disposal	—	0
		Moderate Risk Waste – Capital (costs)	—	0
Comments: NONE		Small Quantity Generator (technical assistance and education)	—	0
		Solid Waste Planning	—	0
Moderate Risk Waste Plan: Year Current MRW Plan Approved:	2001	Solid Waste Enforcement	12,860	12,860
		Ground Water Monitoring Wells	—	0
MRW Plan Combined with County's Comprehensive Solid Waste Management Plan? (Yes/No)	No	Waste Reduction and Recycling Activities	—	0
		Waste Reduction and Recycling Capital (costs)	—	0
Comments: NONE		Biomedical Waste	—	0
		Total	12,860	12,860

Pilot Grants 2002 – 2003 Cycle: Funding by Task in Dollars							
RECIPIENT	Electronics	Waste Reduction Recycling	Organics	Mercury	Waste Characterization Study	Sustainability	Portion of \$2Million Pilot Funding
NONE							
						Total	

Wahkiakum County Ordinances and Resolutions Related to Solid Waste	
From Wahkiakum County Draft Solid Waste Management Plan:	
Ordinance Number	General Ordinance Description
NONE	NONE
Resolution Number	General Resolution Description
Note:	

Solid Waste Infrastructure in Wahkiakum County

Permitted Solid Waste Handling Facilities in Wahkiakum County – March 2004

Facility Type	Name	Public/ Private	Owner
Drop Box Facility	K & M Drop Box	Public	Wahkiakum County Public Works

Note:

Disposal Site Summary for Wahkiakum County (reported in tons) – 2001

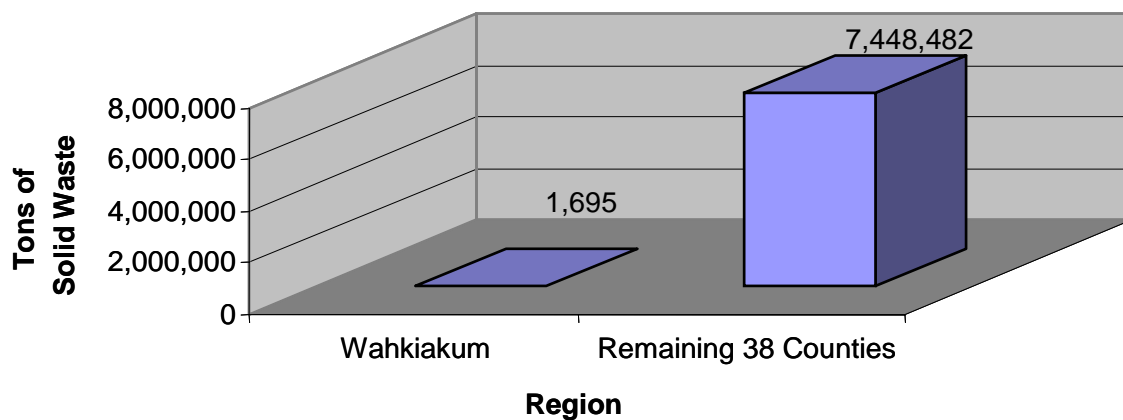
Facility	County	MSW	Demolition	Industrial	Inert	Commercial	Wood	Sludge	Asbestos	PCS	Tires	Medical	Other	TOTAL
Cowlitz County Landfill - B	Cowlitz	1,683	—	—	—	—	—	—	—	—	—	—	—	1,683
Weyerhaeuser Regional Landfill	Cowlitz	—	12	—	—	—	—	—	—	—	—	—	—	12
County Total		1,683	12	0	0	0	0	0	0	0	0	0	0	1,695

2001 Disposal Site Capacity Summary for Solid Waste Facilities Accepting Waste Generated in Wahkiakum County, Including All Landfills and Energy Recovery

DISPOSAL SITE	Disposal Site Location	Remaining Permitted Capacity - Tons	Remaining Permitted Capacity - Years	Anticipated Closure Date	Facility Reported Tip Fees
Cowlitz County Landfill - B	Cowlitz	Unknown	100	2101	Unknown
Weyerhaeuser Regional Landfill	Cowlitz	1,084,760	12	2014	\$39.30

**Tons of Solid Waste Disposed by Specific Regions 2001:
Comparison of Wahkiakum County to Sum of Remaining 38
Washington State Counties**

2001 Washington State Solid Waste Disposal Total = 7,450,177 tons
(Source: Washington State Department of Ecology)



Tons of Material Composted in Wahkiakum County (by permitted facility) – 2001

Compost Facility Name	Yard waste	Other wood waste	Sawdust	Biosolids	Vegetative food waste	Manure	Post consumer food waste	Mixed municipal solid waste	Other	Total
NONE										

Notes:

Washington State Utilities and Transportation Commission (WUTC) Permitted Solid Waste Carriers in Wahkiakum County (November 4, 2002)

Registered Trade Name of Solid Waste Company	Service Area	Certificate# (G permit)	Tariff #	Collect and Transport: MSW	Collect and Transport: Recyclables	Collect and Transport: Yard Waste	Residential Disposal Rates for Weekly Garbage Service by Container (Monthly charge in dollars)	Recycle Service Charge (When Taken With MSW Service)	Commercial Disposal Rates for Company Owned Containers (per Pickup, Non-Compacted Material)	Referenced Service Level Ordinances
Peninsula Sanitation Service, Inc.	Portion of Pacific County and Portion of Wahkiakum County	G-11	14	Y	N	N	20 gallon mini-can \$10.35; 32 gallon can/unit \$14.35; Multi can/unit service up to 2 offered.	Not applicable.	This service not defined in this tariff for this service area.	None Indicated
Notes: None										
Fred & Crystal Stanley DBA Stanley's Sanitary Service	Eastern portion of Wahkiakum County & all of the town of Cathlamet	G-86	5	Y	N	N	20 gallon mini-can \$10.95; 32 gallon can/unit \$17.03; Multi can/unit service up to 4 offered.	Not applicable.	1.5 yard dumpster: \$23.54.	None Indicated
Notes: None										

General Notes

- The above solid waste carrier information is portrayed **for WUTC regulated solid waste carriers only**.
- Categories of solid waste customers defined by the WUTC include: single family residential, multi-family residential and commercial. **Multi-family rates are not depicted here.**
- Categories of commercial solid waste collection service as defined by the WUTC include: "Container Service - Non-Compacted - Company-owned container"; "Container Service - Non-Compacted - Customer-owned container"; "Container Service - Compacted - Company-owned container"; "Container Service - Compacted - Customer-owned container"; "Drop Box Service - Non-Compacted - Company-owned drop box"; "Drop Box Service - Non-Compacted - Customer-owned drop box"; "Drop Box Service - Compacted - Company-owned drop box"; "Drop Box Service - Compacted - Customer-owned drop box". **The only Commercial rates provided here are: "Container Service - Non-Compacted - Company-owned container".**
- According to statute, Washington State cities have the authority to contract for solid waste hauling services and associated billing, or to provide their own municipal collection service. Counties have not been granted this option by the legislature. However, statute does direct the WUTC to require regulated solid waste collection companies to comply with the service levels set in the local solid waste management plan. The WUTC defines the service area and monetary collection rates for private firms that service all county residents, as well as for private firms that service those municipalities which do not provide garbage collection service or contract for such service.
- **Of the 280 cities in Washington, 187 take advantage of their option to contract for service or provide their own service. Consequently, the WUTC regulates the solid waste haulers that service approximately 49% of the state's population.** (This includes 40% of the state's population that resides in unincorporated areas, and 9% of the state's population that resides in incorporated areas.)
- Currently, there appears to be no complete tabulation of solid waste collection rates charged to residents of Washington State municipalities is available, and thus there is incomplete knowledge of the direct economic impacts of solid waste disposal on approximately 51% of the state's population.
- [A Certificate \(or "G-permit"\) means the certificate of public convenience and necessity issued by the Washington Utilities and Transportation Commission](#) under the provisions of chapter 81.77 RCW for the operation of solid waste collection companies.
- A tariff names rates for the collection, transportation, and disposal of solid waste, and if noted, recycling and yard waste (a document outlining rates, terms and conditions for providing service.) While the G-permit provides an overall legal description of the geographical area in which a carrier is allowed to operate, a tariff defines rates for services and service areas within the geographical area defined in the G-permit. Further, tariffs define the rates a permitted solid waste carrier charges to its residential, multifamily and commercial customers.

Major Public Works and Jurisdictional Health Department Solid Waste Activities in Wahkiakum County, 2003

Activity Category and Local Program	X = Present	Clarifying Comments as Needed	Activity Category and Local Program	X = Present	Clarifying Comments as Needed
Composting			Moderate Risk Waste (MRW)		
Home Composting			MRW Fixed Facility		
Master Composter			MRW Mobile or Satellite Programs	X	1/year provided by Cowlitz Co.
Native Planting/Xeriscaping			MRW Collection Events		
Mulching Mower/Grasscycling			Toxics Reduction Education and Outreach		
Master Gardener			On-site Business Small Quantity Generator SQG/MRW Audits		
Curbside Yard Waste Collection			Conditionally Exempt Small Quantity Generator (CESQG) collection		
Fixed Wood Chipping Operations			Persistent Bioaccumulative Toxins (PBT)		
Mobile Wood Chipping Operations			Pesticide Reduction Education for the Public		
Agricultural Waste Management and Technical Assistance			Pesticide Reduction Education for Business		
Food Composting Programs			Mercury Reduction Education for the Public		
Rate Structures Encourage Yard Waste Diversion			Mercury Reduction Education for Business		
Built Environment			Partnerships		
Building Industry Education Program			Product Stewardship - Electronics		
Green Building Codes and or Policy			Product Stewardship - Mercury		
Building Material Reuse/Exchange Program			Product Stewardship - Pesticides		
Demonstration Buildings			Product Stewardship - Solid Waste		
Green Building Certification Programs			Regional Programs - All Categories	<u>Please List:</u>	
Green Built Recognition (Construction Works)					
Residential Waste Reduction and Recycling (WRR)					
Public Education and Program Promotion					
Curbside recycling			Solid Waste Enforcement		
Drop box recycling	X		Illegal Dumping Prosecution	X	
School Recycling Program			Illegal Dumping Prevention	X	
Special Collection Events			Mandatory Collection Service		
Rate Structures that Encourage Recycling			Enforcing Solid Waste Codes	X	
Waste Exchange Program			Permit Reviews	X	
Waste Reduction Program			Ensuring Compliance at Permitted Solid Waste Facilities	X	
Commercial Waste Reduction & Recycling			Ensuring Compliance at Permitted Land Application Sites	X	
Commercial Recycling Education Program			Additional Comments:		
Curbside Recycling					
Rate Structure that Encourages Recycling					
Waste Exchange Program					
On-site Commercial Waste Audits					

Diversion, Recycling , Moderate Risk Waste and Waste Disposal

2001 Materials Collected for Recycling & Diversion in Wahkiakum County as reported to the Washington State Department of Ecology by 43 Collectors (Material Sources = Commercial and Residential)				Sites in Wahkiakum County Accepting Specific Recyclable Materials in 2003 (Commercial &/or Residential)		
Reported Materials Collected for Recycling in Wahkiakum County		Reported Materials Diverted From Disposal in Wahkiakum County		Material	# in County	# in State
X	Aluminum Cans	X	Antifreeze	Appliances	1	176
	Aseptic Packaging		Asphalt and Concrete	Batteries	—	372
	Computers		Asphalt Roofing Shingles	CDL Construction Debris	—	159
X	Container Glass		Bricks	Electronics	—	48
X	Corrugated Paper		Composting Furnish	Glass	1	329
	Ferrous Metals		Computer (Refurbished)	HHW Household Hazardous Waste	—	63
	Fluorescent Light Bulbs		Construction & Demolition Debris	Metals	5	466
	Food Waste (post-consumer)		Food Processing Waste	Used oil	4	508
	Ground Rubber (from retreads)		Household Batteries	Paper	5	461
	Gypsum		Incinerator Ash	Plastic	4	394
	HDPE Plastics		Industrial Batteries	Other/misc.	—	133
X	High Grade		Land Clearing Debris	Note: In this report, "site" refers to a physical location to which households and/or businesses can take a material for recycling. An individual site often accepts more than one type of material; therefore, along the line for a given county, adding the figures below each material heading will result in a sum greater than the figure under "Total Sites".		
	LDPE Plastics		Oil Filters			
X	Mixed Waste Paper		Paint			
X	Newspaper		Rail Road Ties			
	Non-Ferrous Metals		Rebound Carpet Pad			
	Other Recyclable Plastics		Reuse-Clothing & Household Items			
	Other Rubber Materials (Shoes)		Reuse - Construction & Demolition			
	PET Bottles		Reuse – Miscellaneous Items			
	Photographic Film		Sweepings and Grit			
X	Rendering		Tires (for Energy Recovery)			
	Textiles (rags, clothing, etc.)		Tires (Reused/Resold)			
	Tin Cans		Used Oil for Energy Recovery			
	Tires					
X	Used Oil					
	Vehicle Batteries					
X	White Goods					
	Wood Waste					
	Yard Waste					

2001 Participant levels and amounts of HHW and total MRW collected by Wahkiakum County, as reported to the Washington State Department of Ecology

	County Totals	Washington State Totals	County Percentage of State Total
County	Cowlitz & Wahkiakum		
County Population (from http://www.census.gov)	97,700 (93,900 + 3,800)	5,970,247	1.64
Total HHW lbs (no Used Oil)	924,363	15,638,009	5.91
Used Oil lbs. (see note 1)	342,687	11,280,112	3.04
CESQG lbs.	14,506	978,732	1.48
MRW lbs.	1,281,556	27,896,853	4.59
Number of County Housing Units (see note 2)	40,999	2,511,054	1.63
MRW lbs./housing unit	31.26		
Total HHW Participants	1,669	148,697	1.12
% Participation	0.04		
HHW Cost/Participant	\$89.25		

Note 1: "US pounds - used oil collected at specific used oil sites"

Note 2: "H.U. Housing Units equals number of households taken from Office of Financial Management, 2001 Data Book"

Note 3: "NR - Not Reported"

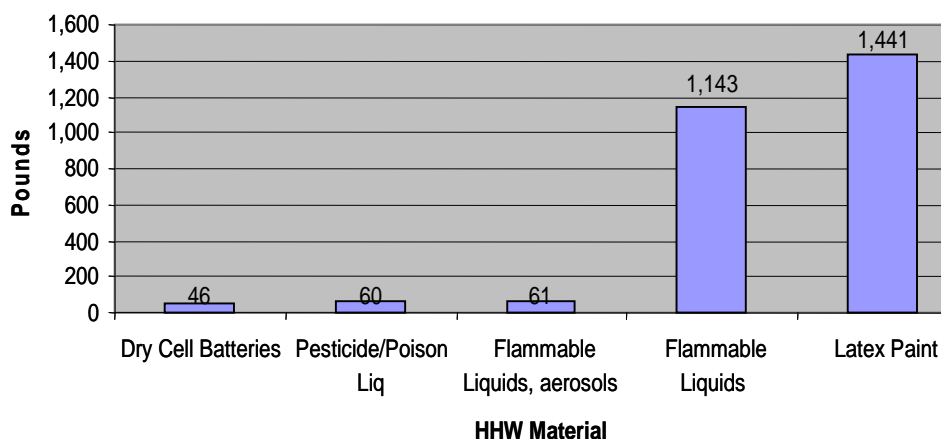
Note 4: "NA - Not applicable because data not reported"

2001 Specific Waste Types Collected by Wahkiakum County: HHW & CESQG (Pounds)

Waste Type	Pounds HHW Collected	Pounds CESQG Collected
Acids	22	
Acids, aerosols	—	
Antifreeze	—	
Bases	17	
Bases, aerosols	—	
CFC/ Freon	—	
CFC/ Freon filters	—	
Chlorinated Solvents	—	
Batt:N,L,NIMH	—	
Dry Cell Batteries	46	
Flammable Solids	—	
Flammable Liquids	1,143	
Flammable Liquids, aerosols	61	
Flammable Liquids Poison	—	
Flammable Liq. Pois.(aerosols)	—	
Flammable Gas	—	
Flammable Gas Poison	—	
Flammable Gas Pois.(aerosols)	—	
Latex Paint	1,441	
Lead Acid Batteries	—	
Oil Based Paint	—	
Oil Contaminated	—	
Oil Filters	—	
Oil Filters Crushed	—	
Oil Non-Contaminated	—	
Oil with Chlorides	—	
Oil with PCBs	—	
Other Dangerous Waste	—	
Organic Peroxides	—	
Oxidizers	4	
Personal Protect. Equip.	—	
Pesticide/Poison Liq	60	
Pesticide/Poison Sol	—	
Reactives	—	
Mercury	—	
TOTALS	2,794	

Five Greatest Household Hazardous Waste (HHW) Materials Collected by Wahkiakum County, 2001 (Pounds)

(Source: Washington State Department of Ecology)



Five Greatest CESQG Materials Collected by Wahkiakum County, 2001 (Pounds) No graphic because no activity reported.

Washington State Litter Tax Funded Litter Program Activity in Wahkiakum County, 2001

Roads	Interstate	State	County	Total	% of State total	Rank in State		
Center Line Miles	—	41	142	183	0.39	39		
Miles Driven (thousands)	—	91	35	126	0.12	38		
Area (Square Miles)				264	0.40	37		
DOT Rating	1999	2000	2001					
	4.0	3.6	2.9					
Litter Program	Hours	Miles	Acres	Number of Dumps	Litter Pounds	Illegal Dump Pounds	Recycle Pounds	Total Pounds
Ecology Youth Corps (EYC)	274	35	3	—	836.25	—	585	1,733.25
Community Litter Cleanup Program (CLCP)	—	—	—	—	—	—	—	0
Department of Corrections (DOC)	—	—	—	—	—	—	—	0
Department of Natural Resources (DNR)	—	—	—	—	—	—	—	0
Total	274	35	3	0	836.25	0	585	1,733.25

Note: DNR does not report recycling separately.

Community Litter Cleanup (CLCP) 2002-2003 Grant Cycle: Funding Applied by Task (\$)						Litter Education Efforts, Wahkiakum County, 2002
Recipients	Task: Litter & Illegal Dumps	Task: Education	Task: Tools & Trucks	Total Contract Amount		None known.
Wahkiakum Co Sheriff's Dept	62,225	—	—	62,225		

Litter Crew Organization, Wahkiakum County, 2002

Coordination with Department of Transportation and Ecology Youth Corps to prevent duplication of efforts. Supervisor and crew of six to eight inmates two to three days a week.

2002 Biosolids Production and Land Application Information in Dry Tons for Wahkiakum County, (See footnotes)

Facility Name	Class of Biosolids	Compost Biosolids	Total Biosolids Produced	Total Land Applied	Total Land Applied: by Specific Application Site Categories						Landfilled	Incinerated	Transported to Another Facility	Name of "Transported To" Facility	Received from Another Facility	Name of "Received From" Facility and Associated Dry Tons
					Agricultural Land	Range Land	Forest	Public Contact Site	Reclamation Site	Sold/Given Away	Lawn Garden					
Cathlamet WWTP			0	0	0	0	0	0	0	0	0	0	0		0	
COUNTY TOTAL			0	0	0	0	0	0	0	0	0	0	0		0	
STATE TOTAL			94972.14	79282.89	57415.12	4417.09	8349.74	174.72	1729.2	4292.72	2904.3	3646.08	14988.03	25840.11	79282.89	

- 1) Data used here are gathered from individual facilities and consolidated into a main database from which this spreadsheet is derived. Referral to the actual report forms is suggested in order to resolve questions or before drawing conclusions.
- 2) Facilities which show zero production are for year 2002 only. Production amounts can vary by large amounts from year to year depending on lagoon cleanout operations, etc.
- 3) For the categories related to TRANSPORT TO and RECEIVED FROM, tonnage sums are totaled and reported in parentheses if the sums are different from that reported by the facility. Reasons for discrepancies are varied and need to be investigated on an individual basis if needed.
- 4) The term "ctd." means that the data for the facility is continued in another column where extra lines were used so that additional data could be included.
- 5) WWTP = Waste Water Treatment Plant; STP = Sewage Treatment Plant; BS = Biosolids; LSP = Lime Stabilization Plant; POTW = Publicly Owned Treatment Works.

Wahkiakum County Solid Waste Priorities and Needs for the Near Future:

None Known.

Wahkiakum County's Projected Solid Waste Income and Spending, 1999 (as compiled by Jeff Kelly-Clarke, Director, Snohomish County Public Works)

Spending

Total Spending	Waste Handling*	LF Monitoring	Waste Reduction and Recycling	Moderate Risk Waste	Planning	Administration	Debt Service	Other	Capital Facilities/Closure	To Fund Balance	Operating Budget
\$96,000	\$55,000	\$0	\$19,000	\$0	\$0	\$22,000	\$0	\$0	\$0	\$0	\$96,000

* "Waste Handling" includes transfer operations

Income

Total Revenue	Fees from Disposal	Other service fees	Dist./city fees	Grants	Interest	Fund Balance	Other
\$96,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$61,000

Notes:

Web Links for Additional County by County Information

Description of Subject Matter	Website Address
State and County Census 2000 Profiles for Washington State	http://www.census.gov/prod/cen2000/dp1/2kh53.pdf
Washington Trends	http://www.ofm.wa.gov/trends/index.htm
Variety of County and City Data	http://www.ofm.wa.gov/localdata/index.htm